

Project: BNSF OU6 Confirmation Sampling

Sheet: 1 of 2

Reporting Period: 29 August through 4 September 2016 (Week 2)

Date: 9 September 2016

Weather: Generally sunny and warm

Proj. No.: 1649206.10

Weekly Progress Overview

Surface soil sampling resumed at approximately milepost (MP) 1304, progressed east, and was completed through MP 1301, which is the east end of OU6. Approximately of 17,000 feet of BNSF ROW was sampled and no visible vermiculite was observed. Three composite samples were collected from the BNSF-owned property abutting the Libby Amtrak depot. The personal air sampling effort was decreased to collection of one personal air sample per day, effective 1 September 2016.

Field Team

- Laura Klein, Annika Silverman, Rick Welchoff, Daniel Kroll
- BNSF Track Protection Personnel: Randy Finley (8/29), Kyle Riley (8/30-9/1)

Safety

- Sampling was conducted in Level D PPE, modified to include respiratory protection
- No other safety issues we identified

Special Conditions, Delays, Changes

- 29 August – No track protection available, personal air samples withheld due to short run time.
- 30 August – 5.25 hours on track
- 31 August – 5.5 hours on track
- 1 September – 4.75 hours on track
- 2 September – No track protection available, complete Amtrak depot soil sampling, personal air samples withheld due to short run time.
- 3, 4 September – No work completed

Personal Air Samples Collected

- 29 August: BG-00038 – BG-00041, BG-00042 (blank)
- 30 August: BG-00043 - BG-00047, BG-00048 (blank)
- 31 August: BG-00054 - BG-00057, BG-00058 (blank)
- 1 September: BG-00065, BG-00066 (blank)
- 2 September: BG-00072, BG-00073 (blank)
- 3, 4 September: No samples collected

Surface Soil Samples Collected

- 29 August: No surface soil samples were collected
- 30 August: BG-00043, BG-00049 through BG-00052, BG-00053 (duplicate) (5 samples)
- 31 August: BG-00059 through BG-00064 (6 samples)
- 1 September: BG-00067 through BG-00071 (5 samples)
- 2 September: BG-00074 through BG-00076 (3 samples)
- 3, 4 September: No samples collected
- Soil samples collected this week: 20
- Total soil samples collected to date: 33

Weekly Progress Report No. 001

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Visitors to Site

- Kris Beaudoin (CDM Smith) 31 August, Jeremy Ayala (31 August)

Meetings

- Field Crew and BNSF track protection completed daily safety briefings

Other / Misc

- Personal air sampling effort decreased from one sample/person/day to one sample per day. Future samples will be collected from each field team member on a rotating basis.

Completed By _____

Kennedy/Jenks Consultants

Field Office File
Sharepoint, Inspector Daily Report File

Project: BNSF OU6 Confirmation Sampling**Sheet:** 1 of 2**Reporting Period:** 12 September - 18 September 2016 (Week 4)**Date:** 19 September 2016**Weather:** AM fog then sunny, temps 30s (AM) to 80s (PM)**Proj. No.:** 1649206.10**Weekly Progress Overview**

Surface soil sampling resumed at milepost (MP) 1320 (east end of western sampling area), progressed west through MP 1330.1. Approximately of 43,000 feet of BNSF ROW was sampled. Visible vermiculite was observed between MP 1320.75-1321.1. Personal air sampling effort consisted of the collection of one personal air sample per day (effective 1 September 2016).

Field Team

- Jay Knight, Diane Rauch, Kelly Doble, Kristina Kohl,
- BNSF Track Protection Personnel: Troy Drake

Safety

- Sampling was conducted in Level D PPE. Respiratory protection continues to not be required as personal air samples continue to be below the OSHA PEL.
- No other safety issues we identified

Special Conditions, Delays, Changes

- 12 September – 9.5 hours on track
- 13 September – 6 hours on track
- 14 September – 7 hours on track
- 15 September – 5 hours on track
- 16 September – 5 hours on track
- 17 September – 4 hours on track (half day)
- 18 September – No work completed

Personal Air Samples Collected

- 12 September: BG-00150, BG-00151 (blank)
- 13 September: BG-00162, BG-00163 (blank)
- 14 September: BG-00172, BG-00174 (blank)
- 15 September: BG-00185, BG-00186 (blank)
- 16 September: BG-00196, BG-00197 (blank)
- 17 September: BG-00208, BG-00209 (field blank)
- 18 September: No samples collected

Surface Soil Samples Collected

- 12 September: BG-00152 - BG-00161 (9 samples + 1 duplicate)
- 13 September: BG-00164 - BG-00172 (9 samples)
- 14 September: BG-00175 - BG-00184 (10 samples)
- 15 September: BG-00187 - BG-00195 (8 samples + 1 duplicate)
- 16 September: BG-00198 - BG-00207 (10 samples)
- 17 September: BG-00210 - BG-00216 (6 samples)
- 18 September: No samples collected
- Soil samples collected this week: 43
- Total soil samples collected to date: 124

Weekly Progress Report No. 004

Sheet 2 of 2

Visitors to Site

- Yueh Chuang (BNSF), Dania Zinner (EPA), Whitney Bausch (DEQ) (15 September)

Meetings

- Field crew and Troy Drake (BNSF) completed daily safety briefings.
- Field crew, Troy Drake, Yueh Chuang met with Dania Zinner and Whitney Bausch on-site on 15 September to observe field sampling activities. No sampling was able to be conducted during the meeting due to train traffic, but EPA/DEQ was briefed on sampling methods and project progress.

Other / Misc

- Personal air sampling effort decreased from one sample/person/day to one sample per day. Future samples will be collected from each field team member on a rotating basis.
- On 12 September three areas of visible vermiculite (VV) were observed between MP 1320.75 and 1320.95 (see attached screen shot).
- On 13 September several small areas of VV were observed between MP 1322.7 and 1323.6.
- On 15 September one area of VV was observed at approximately MP 1326.35.
- On 16 September three areas of VV were observed between MP 1328.2 and 1328.6 (see attached screen shot).
- On 16 September discrete soil samples were collected from observed VV areas at MP 1320.95 and 1321.1. A composite soil sample was collected from the observed VV area at MP 1320.9. Samples will be submitted for analysis during the week of 19 September.
- Field teams will swap out on Monday. Three members of the week 5 team are experienced in ROW sampling. The fourth team member will receive VV training from CDM on Monday.

Completed By

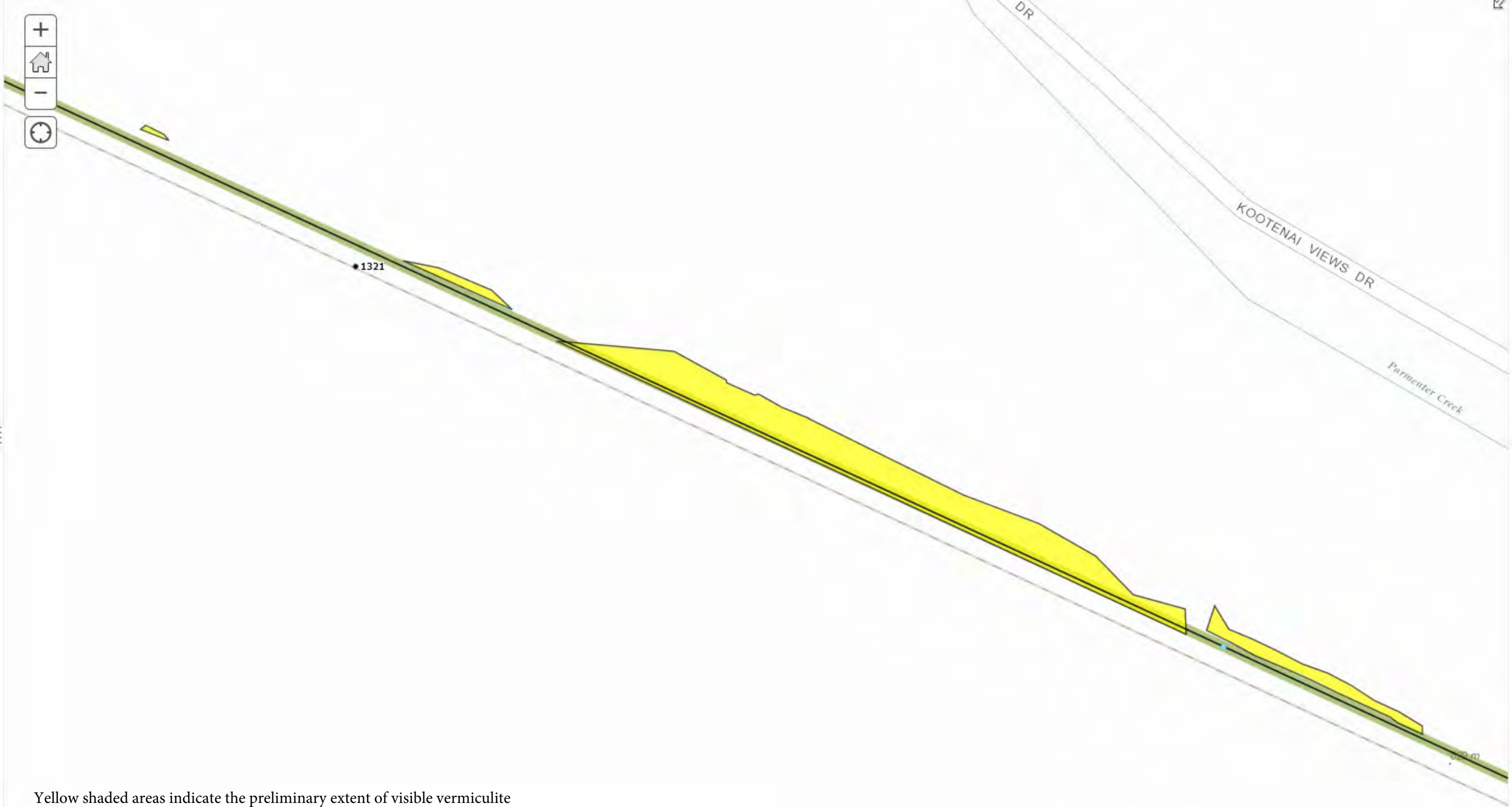


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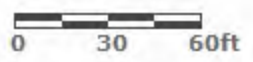
Att: ArcGIS Online field map screen shots: MP 1321 VV areas; MP 1328 VV areas

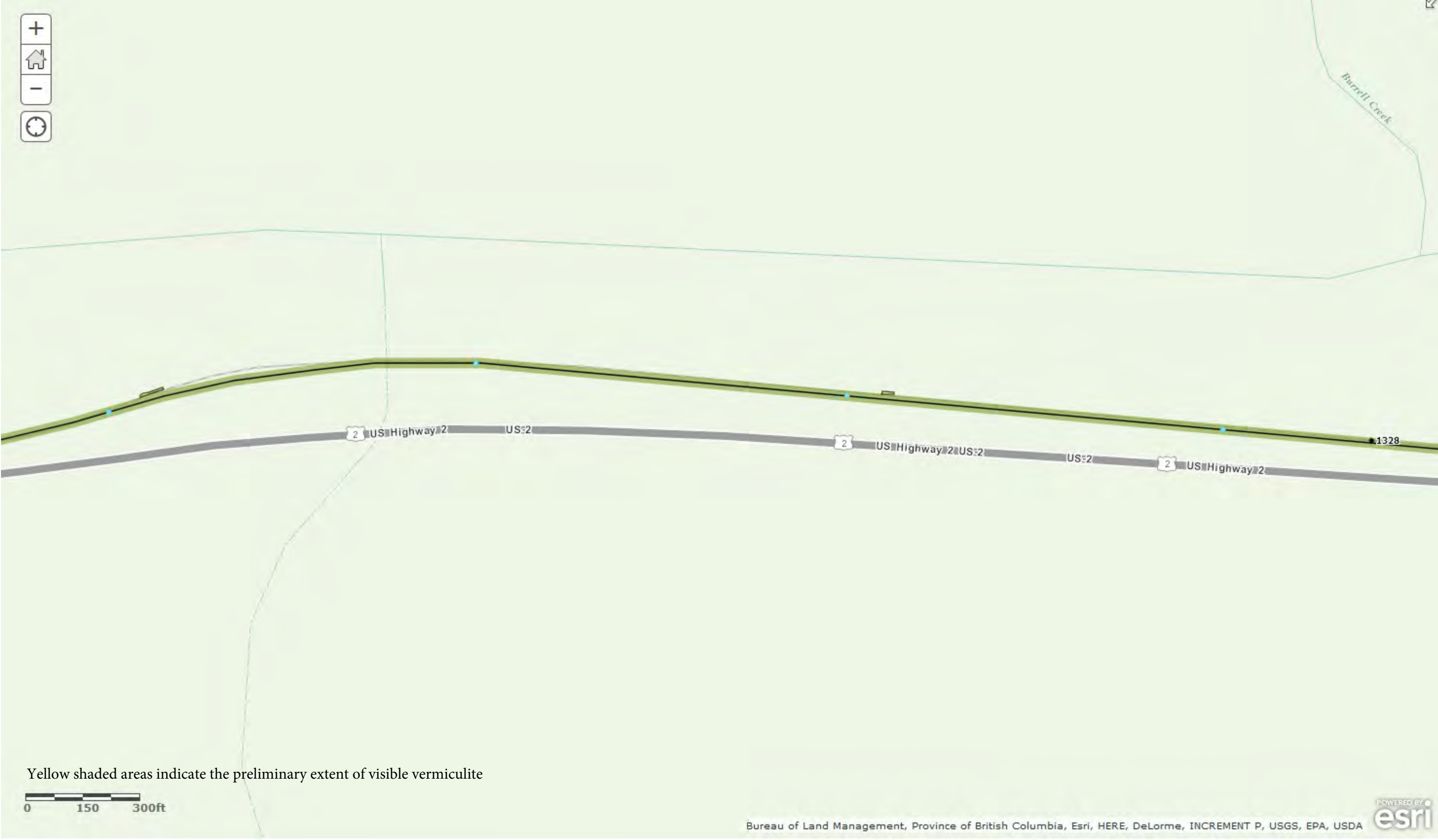
Field Office File

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Yellow shaded areas indicate the preliminary extent of visible vermiculite





Yellow shaded areas indicate the preliminary extent of visible vermiculite

0 150 300ft